

Figure 1

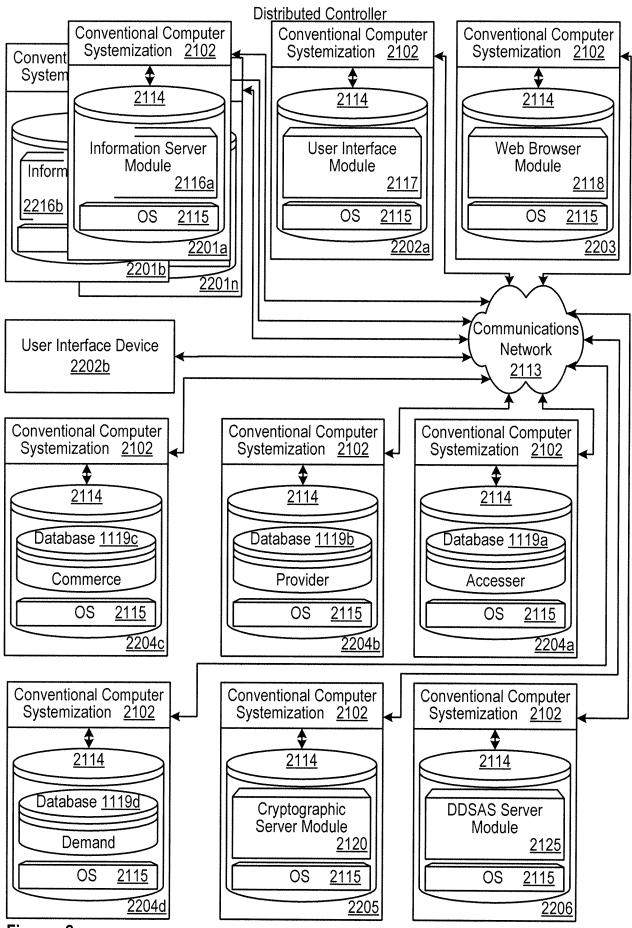
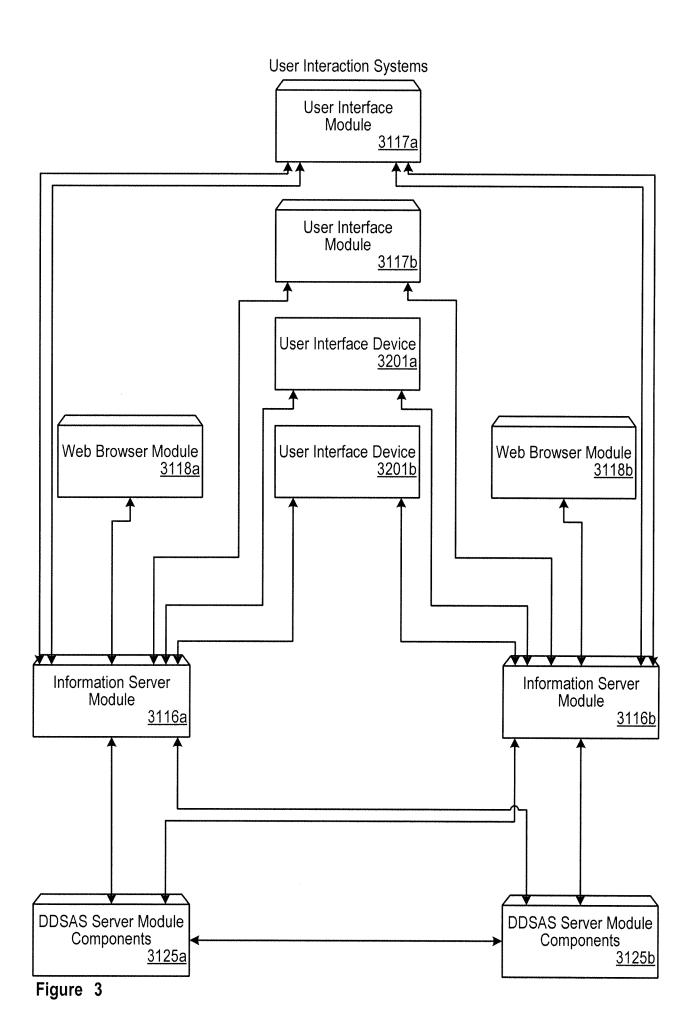
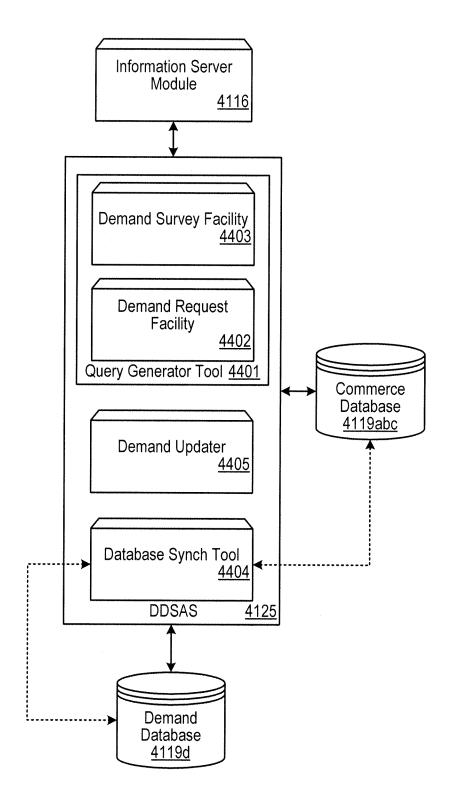


Figure 2





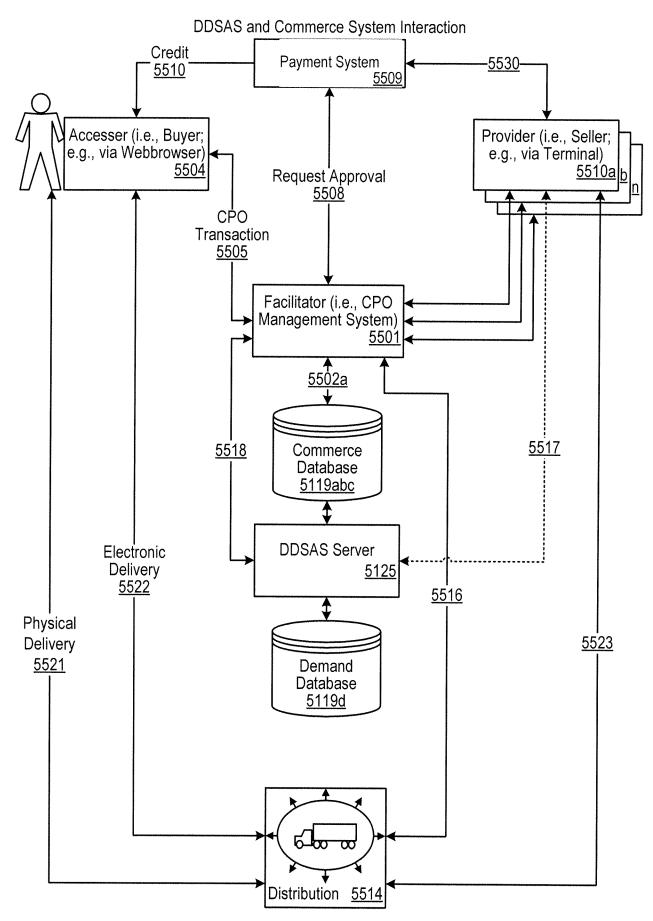
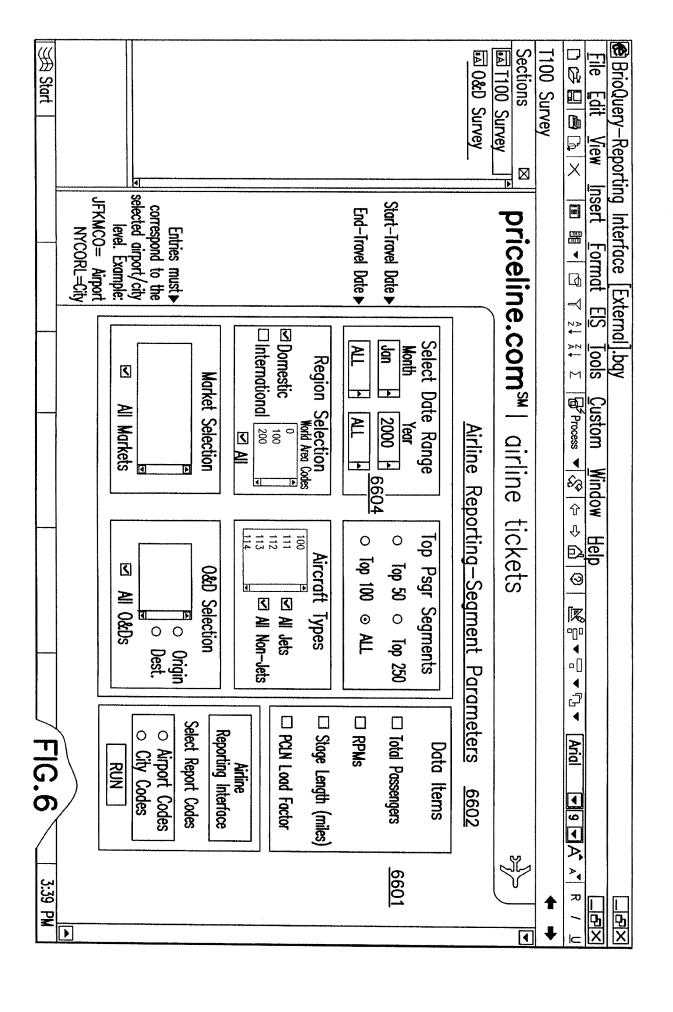


Figure 5



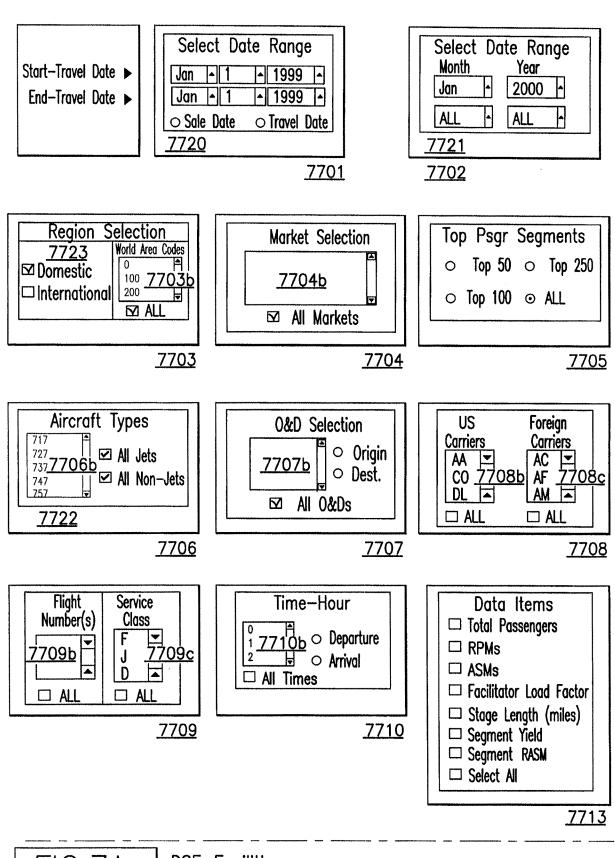


FIG.7A DSF-Facilities FIG.7B

FIG.7A

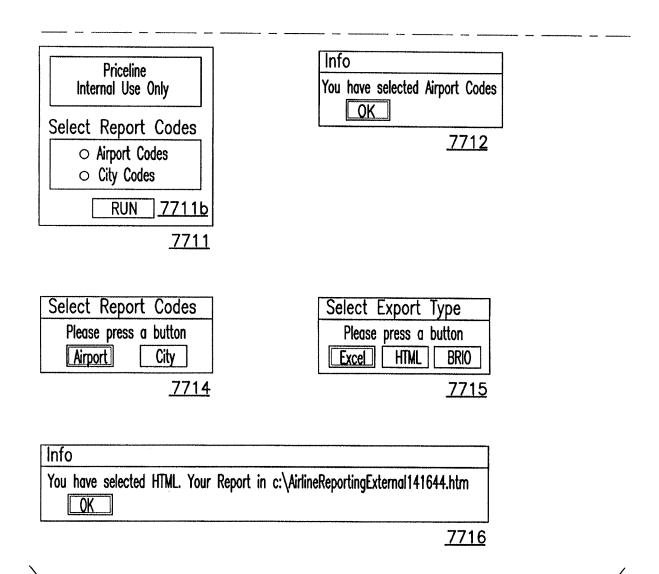
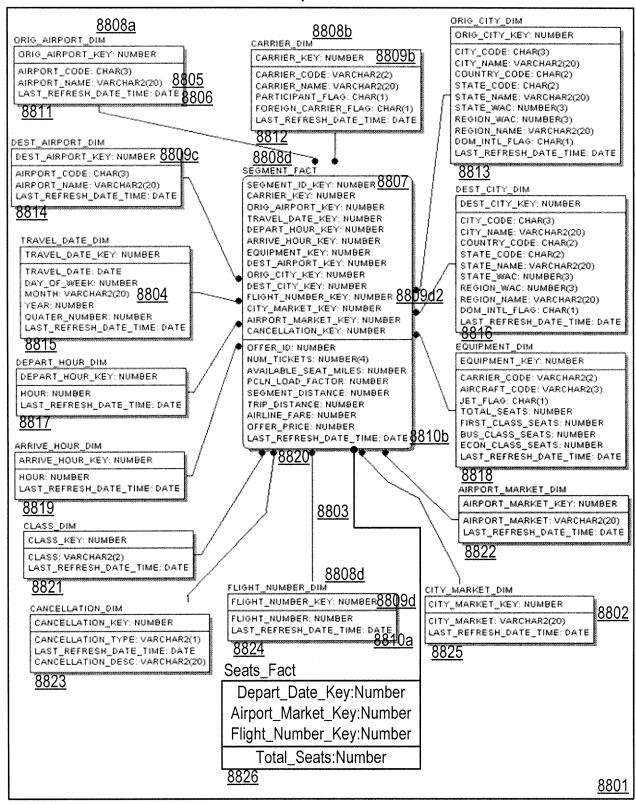


FIG.7B

Database Survey Schema Interactions



Demand Survey Facility Flow

Airline Reporting Tools (External) T100 Survey / O&D Survey

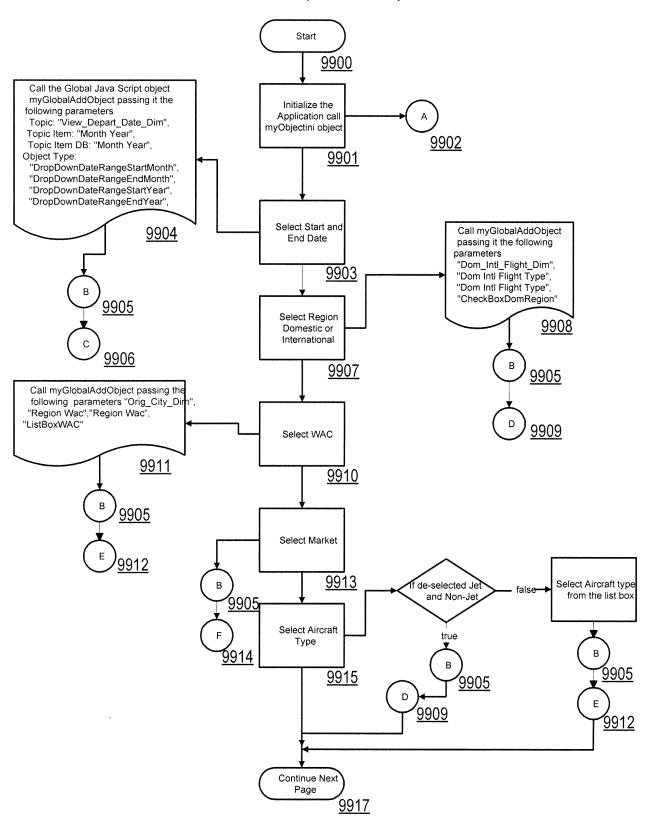
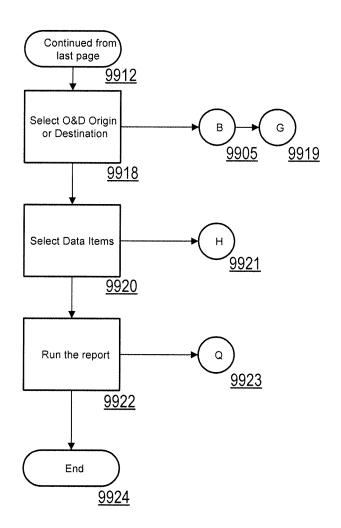


Figure 9Z

Demand Survey Facility Flow Continued Airline Reporting Tools (External) T100 Survey / O&D Survey



QGT Initialiation

Airline Reporting Tools (External) T100 Survey / O&D Survey

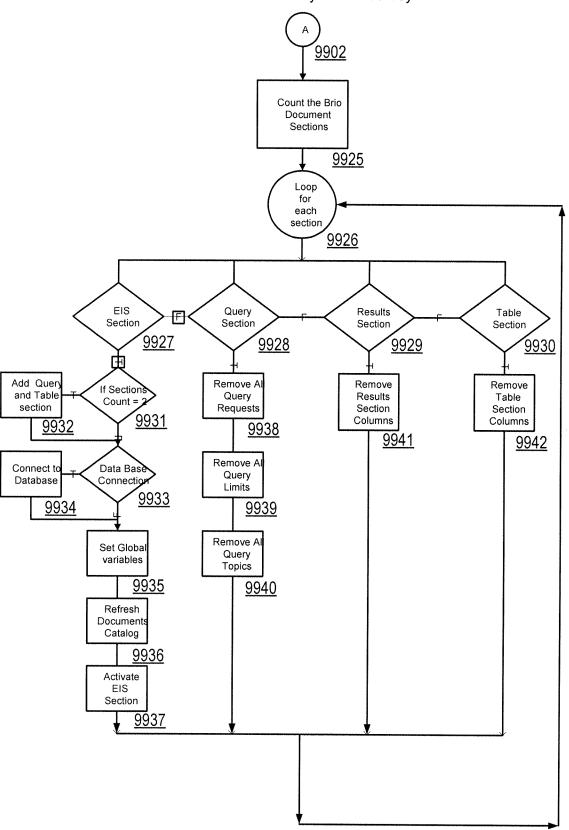
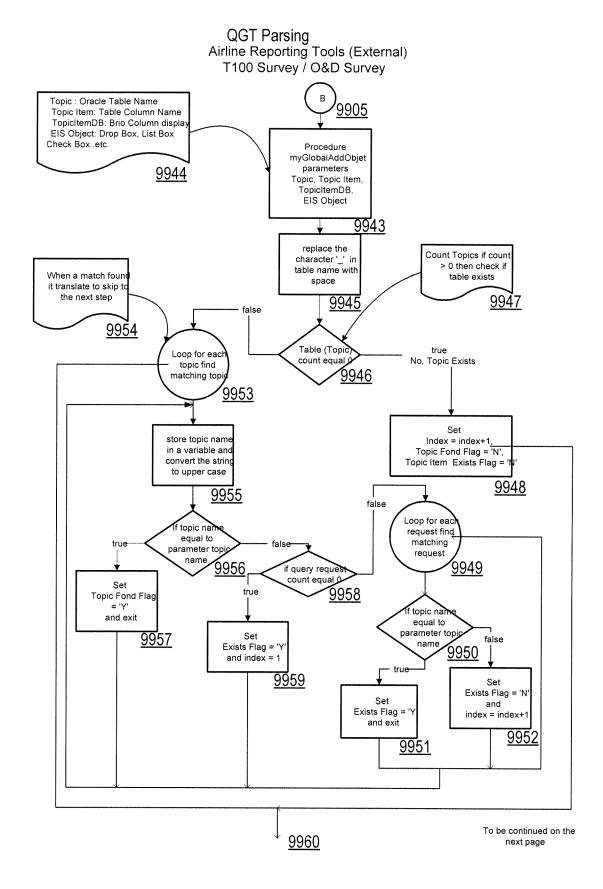
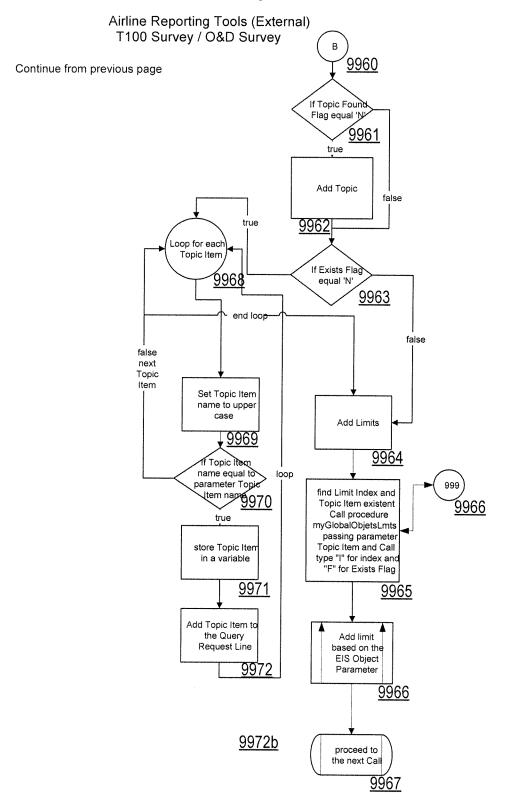


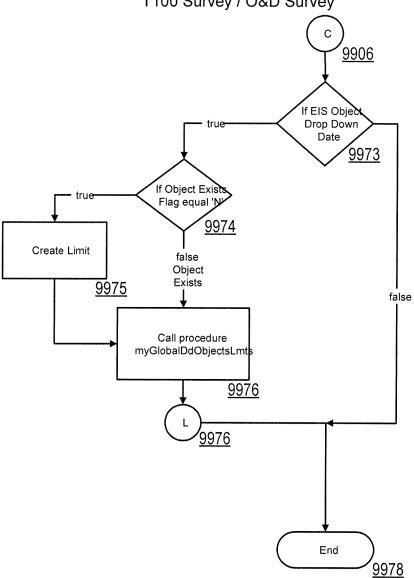
Figure 9A



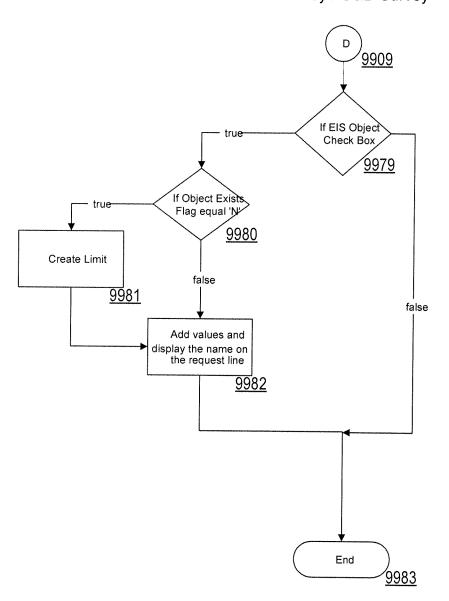
QGT Parsing Continued



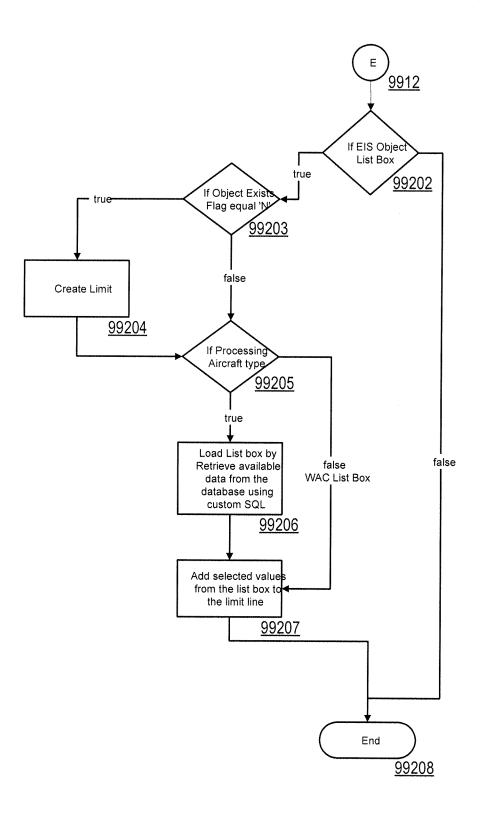
Date Range Limit Airline Reporting Tools (External) T100 Survey / O&D Survey



Check Box Limit Airline Reporting Tools (External) T100 Survey / O&D Survey



List Box Limit
Airline Reporting Tools (External)
T100 Survey / O&D Survey



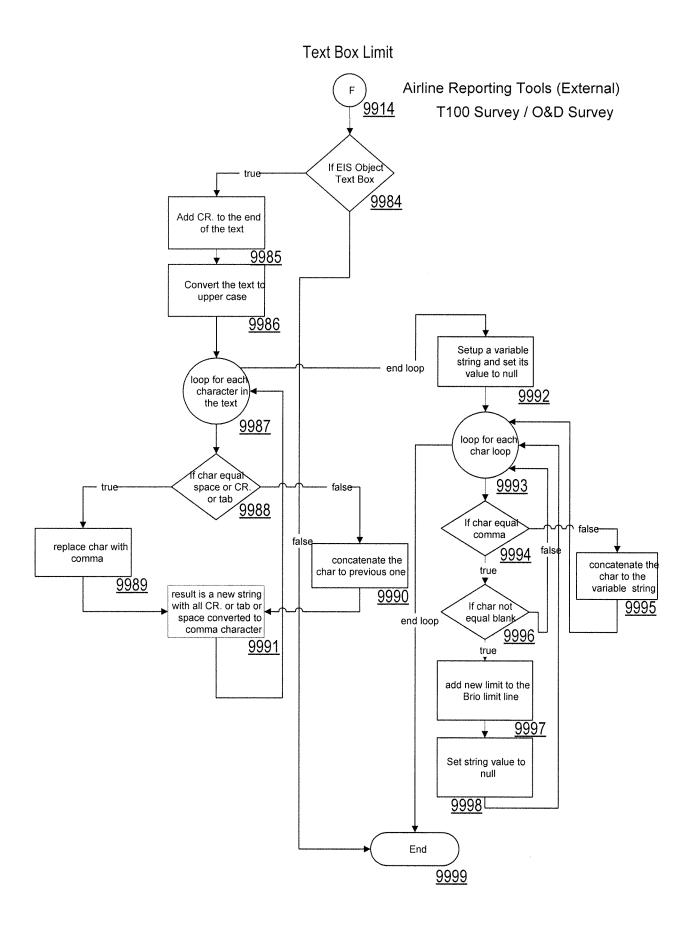


Figure 9F

O&D Limits (G), and Data Item Requests (H)

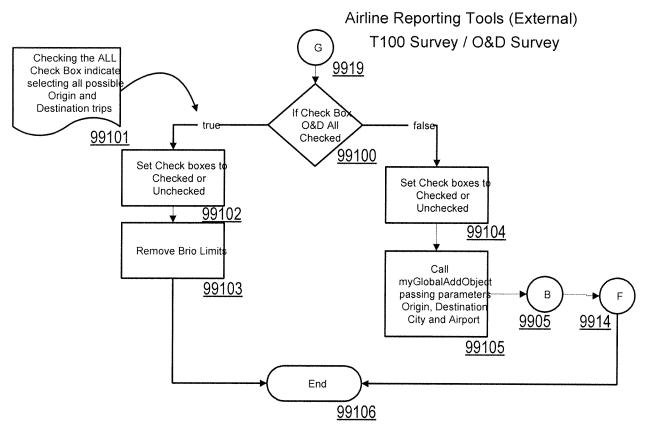


Figure 9G

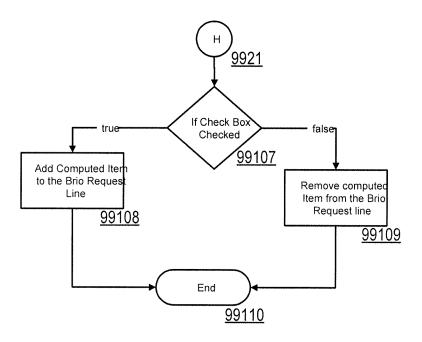
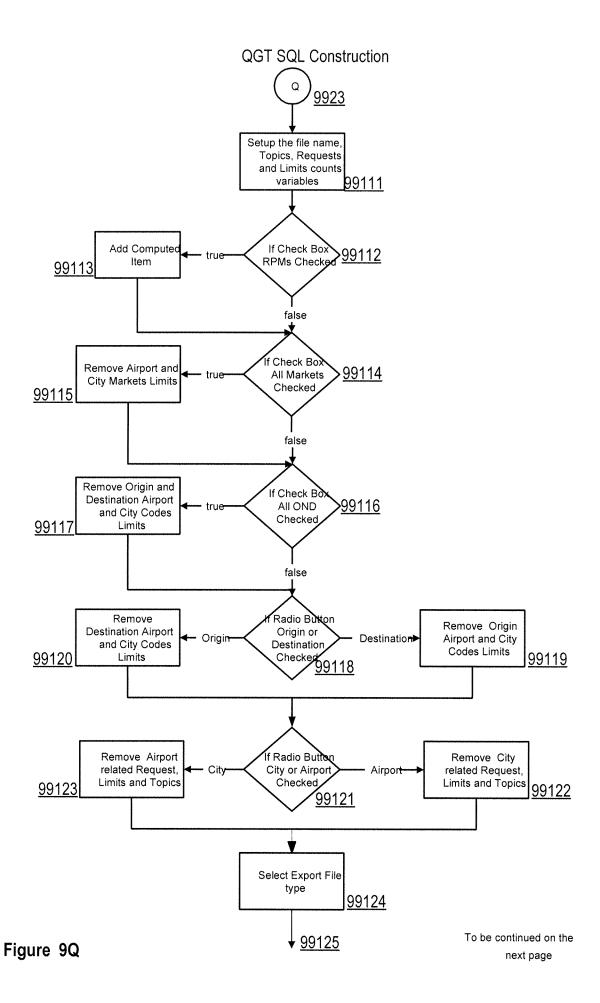


Figure 9H



QGT SQL Construction Continued

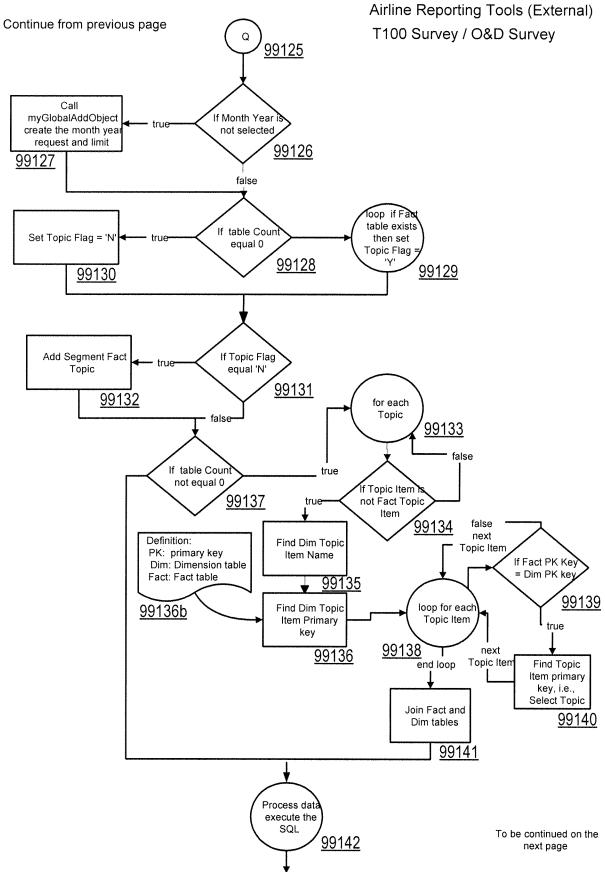


Figure 9Q2

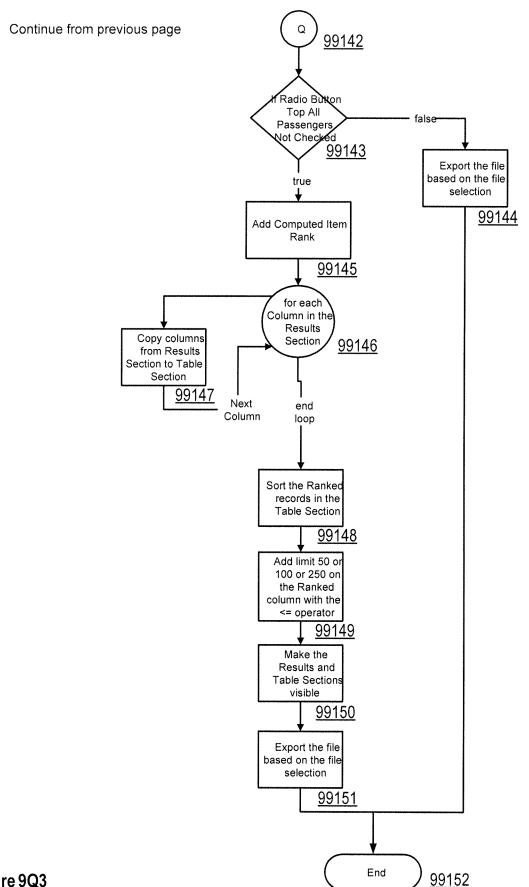


Figure 9Q3

Index Flag Limit Management

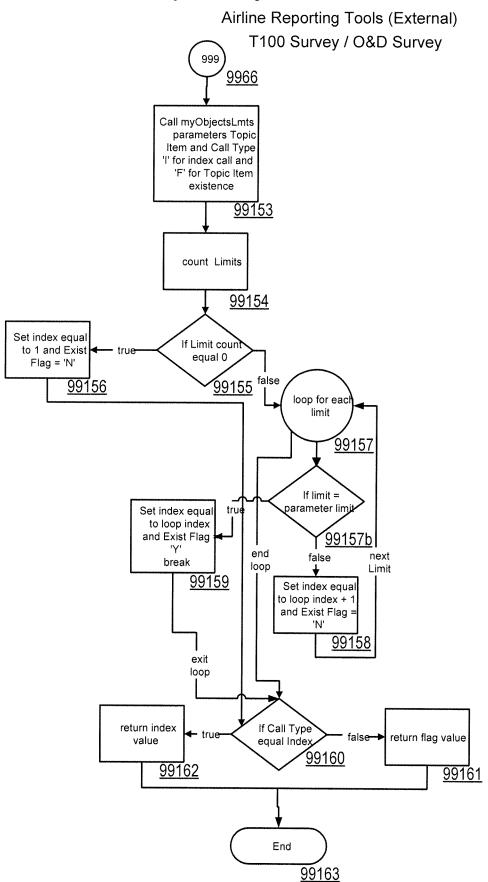
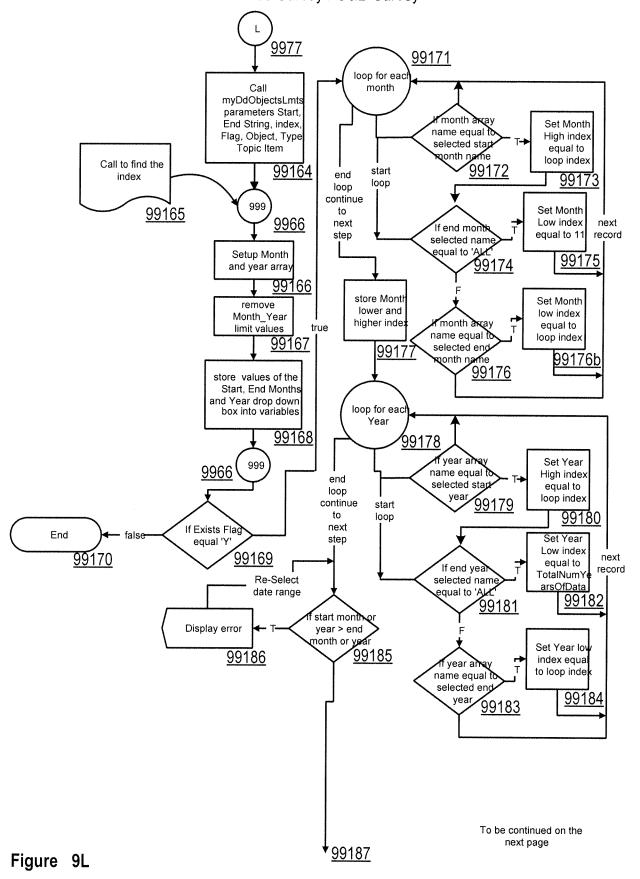


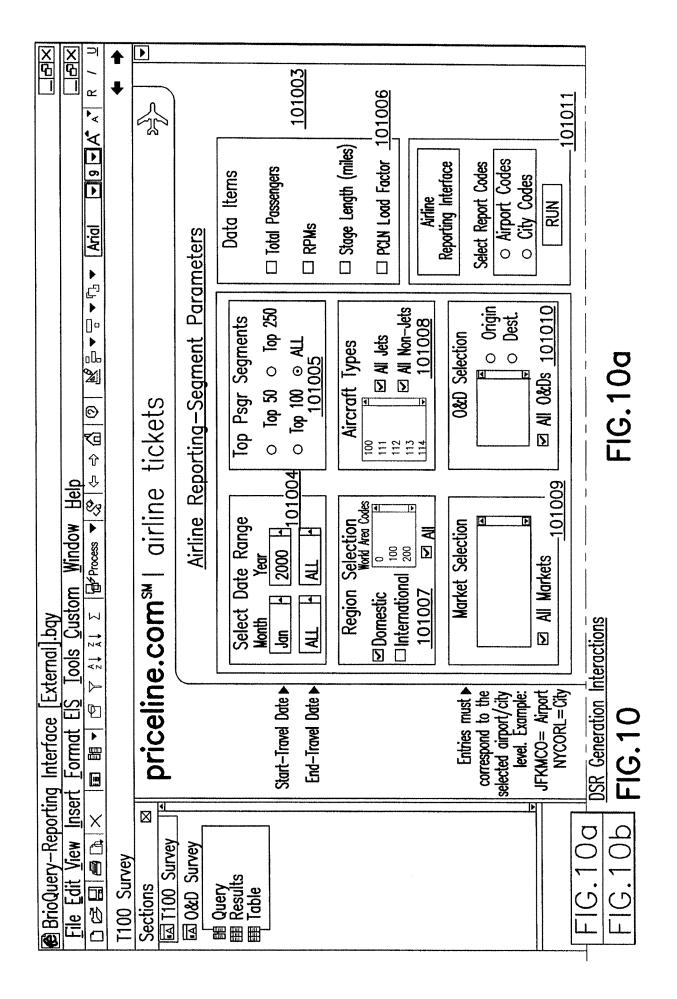
Figure 9J

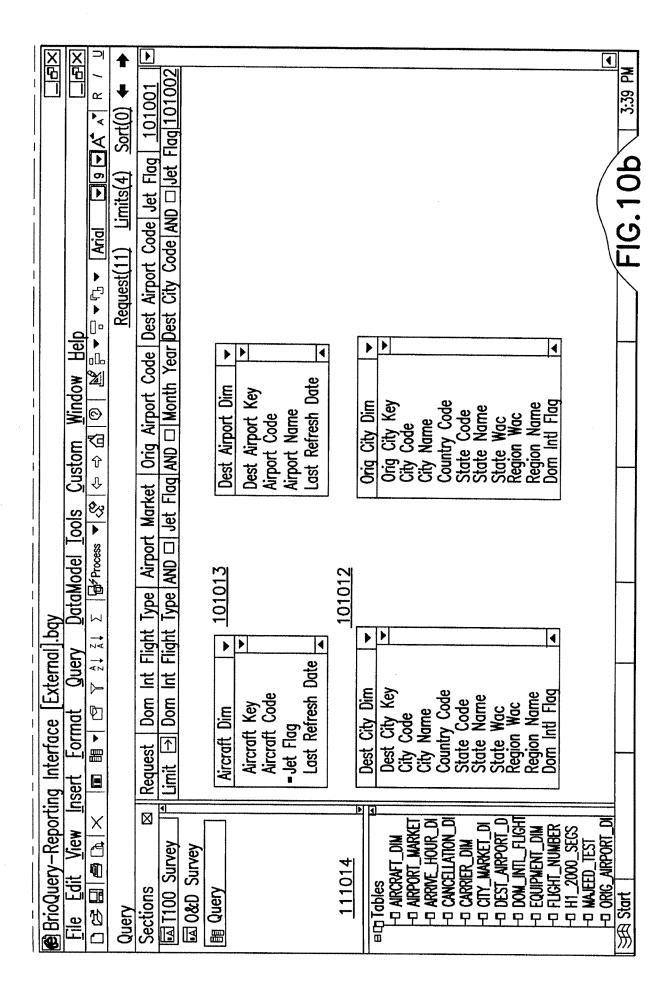
Date Range Limit Management Airline Reporting Tools (External) T100 Survey / O&D Survey

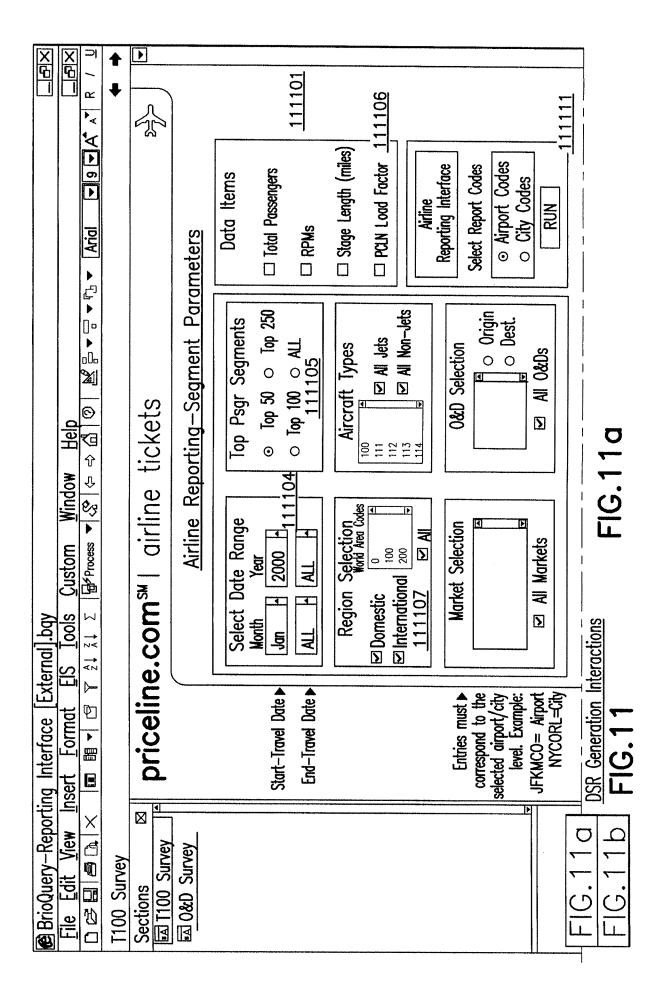


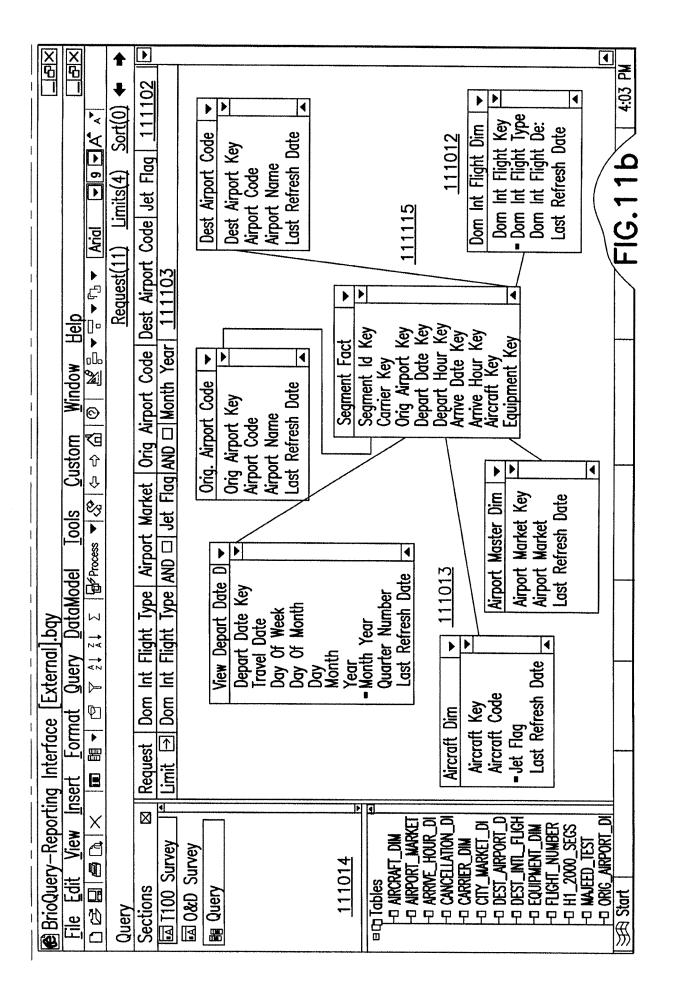
Date Range Limit Management Continued Airline Reporting Tools (External) T100 Survey / O&D Survey Continue from previous page 99187 99188 loop Month array Set Month If Year lower lower index index = 1end equal to 1 start loop 99189 next loop continue record 99190 to next loop index step between the Add values high and lower to the Mont month indexes Re-Select year limit 99191 date range <u>991</u>92 f the Year high index < Year Display error lower index 99193 99193b Set Month lowe index equal to If Year lower Month High inde index = 1+ stored Month 99194 lower index 99195 true Year lov Set Month high index index = 1 and equal = 0 and Month Month lower lower = stored Mont index 1=0 99196 lower index 99197 loop Months array <u>99198</u> Add values start to the Monti next loop year limit record floop index 99200 between the high and lowe 99199 end loop and End 99201

Figure 9L2









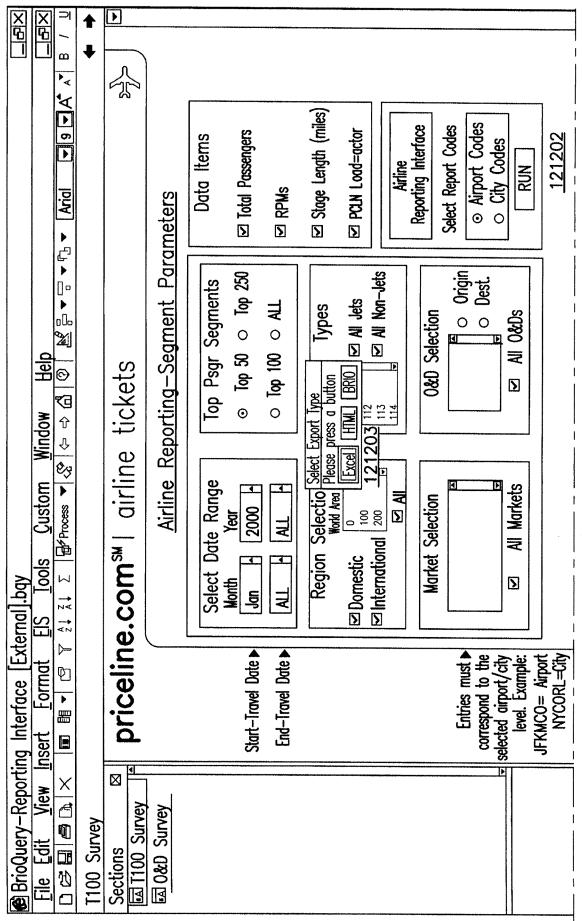
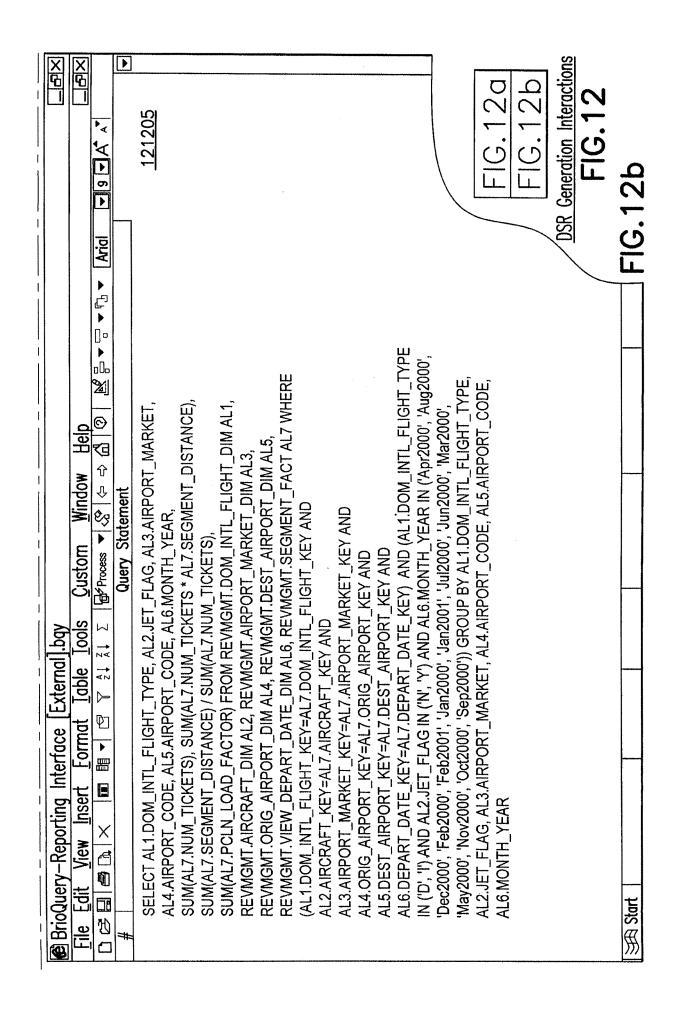


FIG. 12a



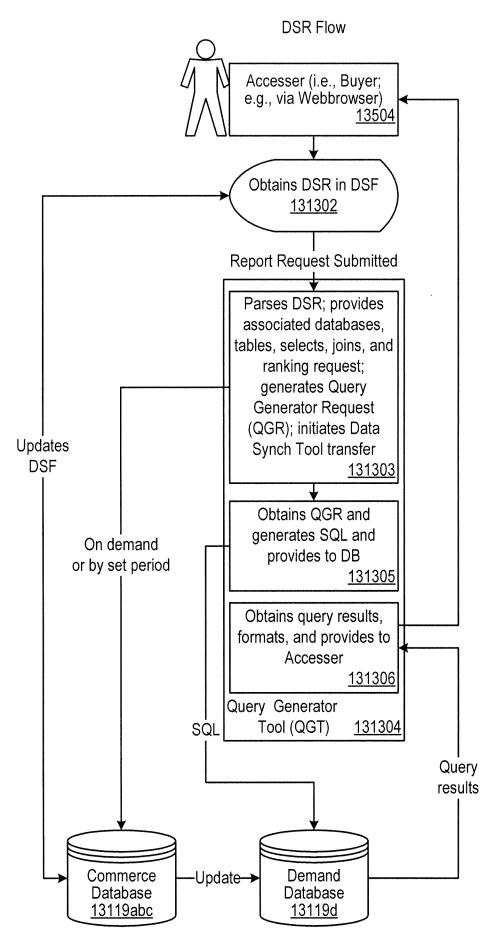
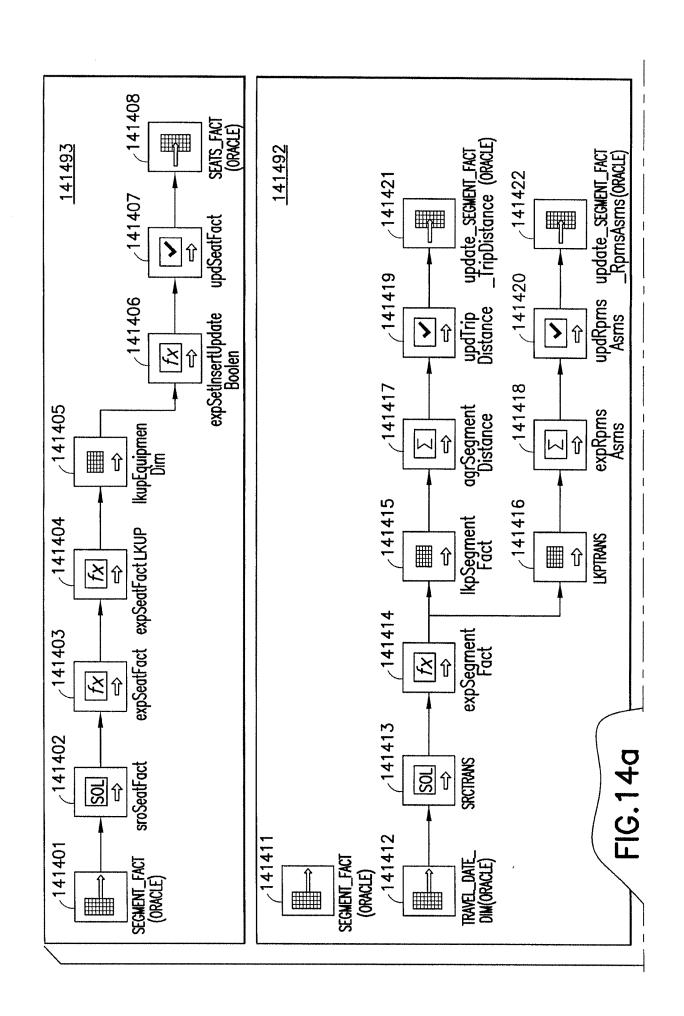
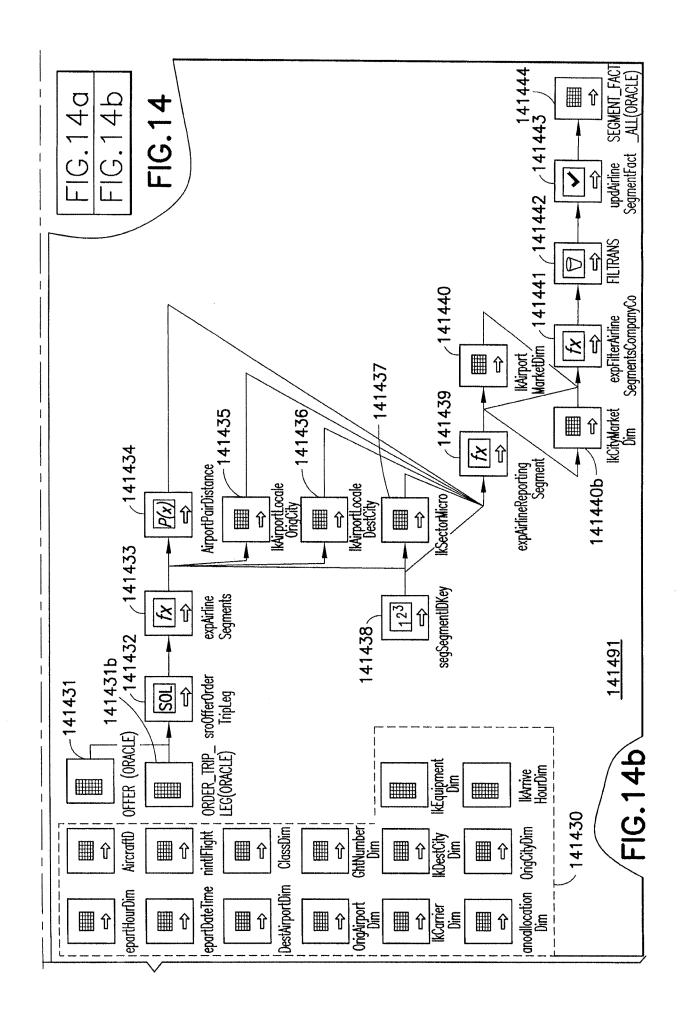
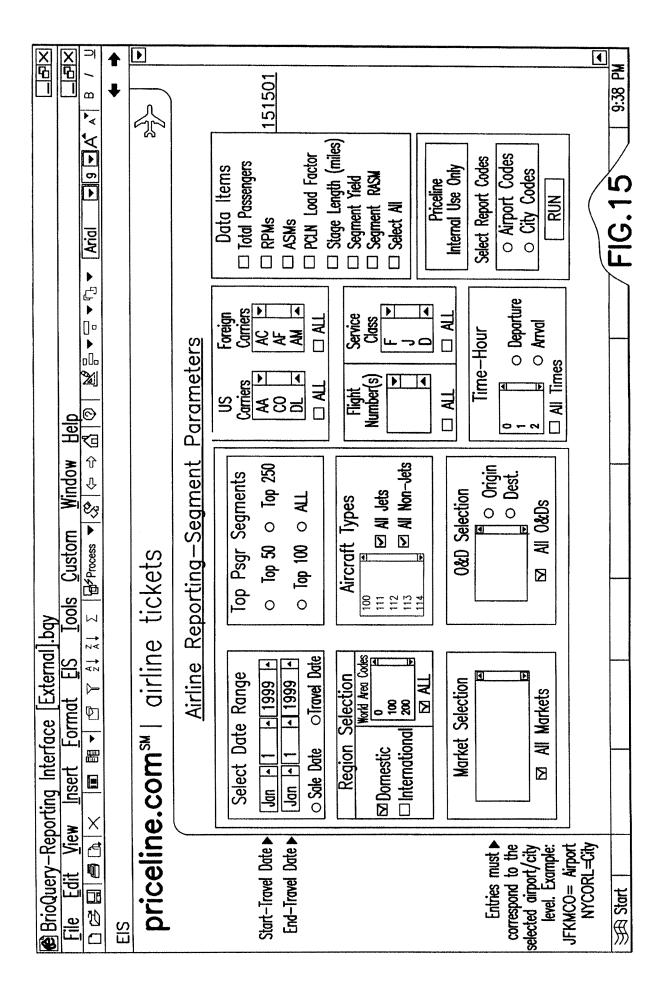
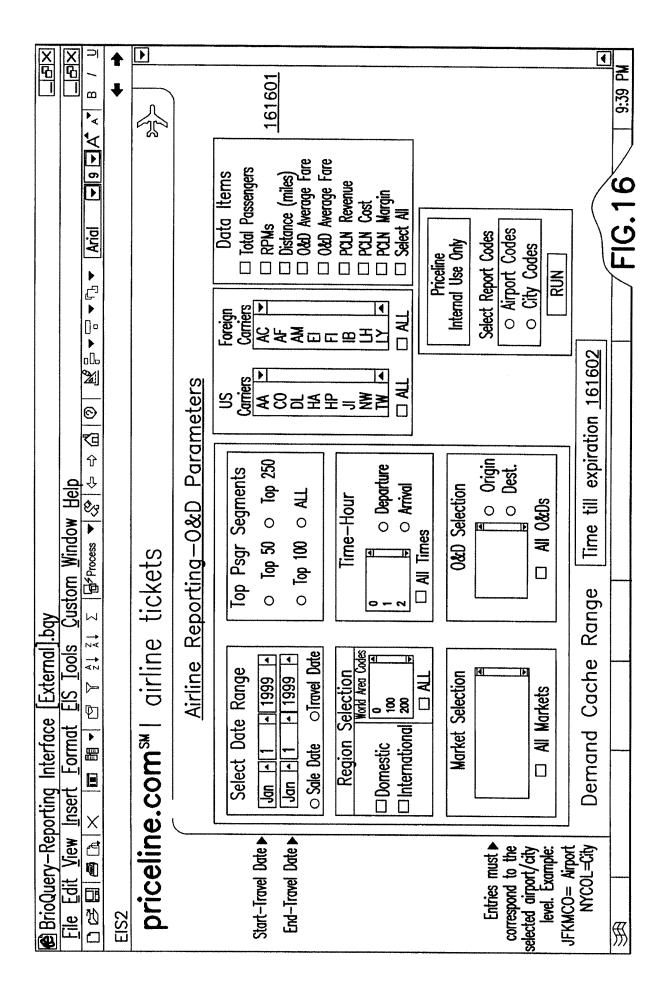


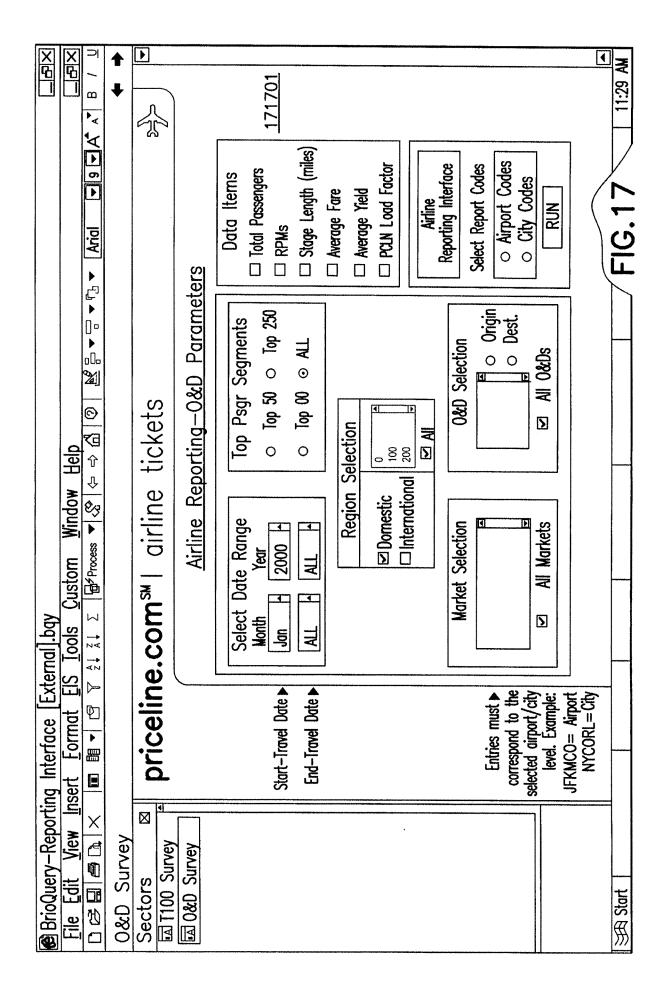
Figure 13

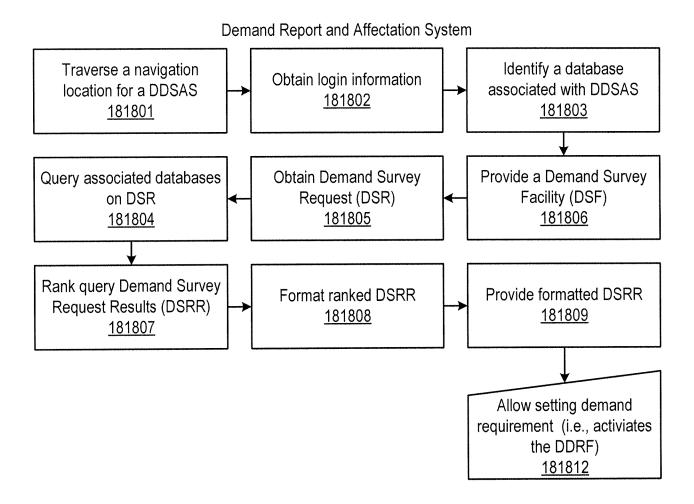












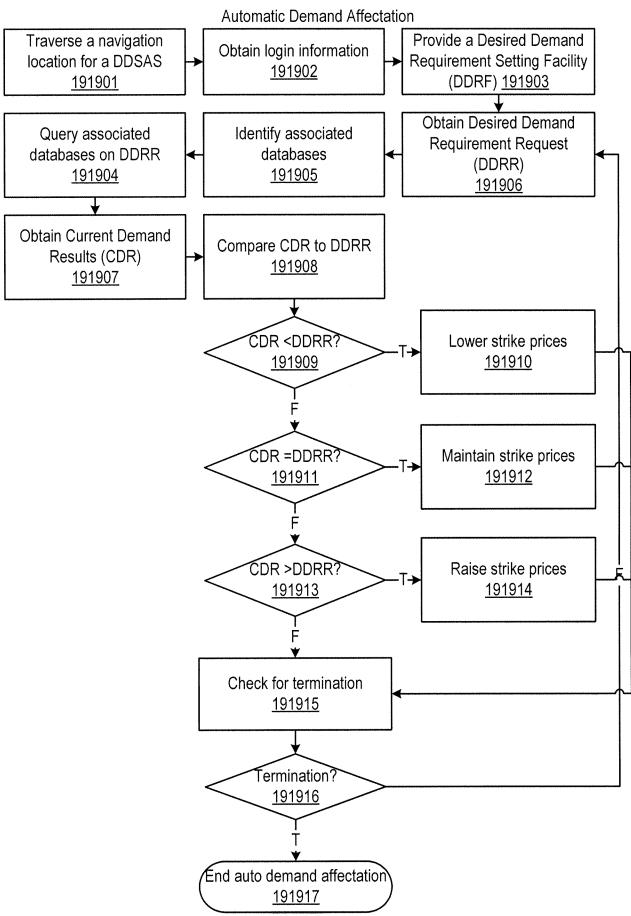
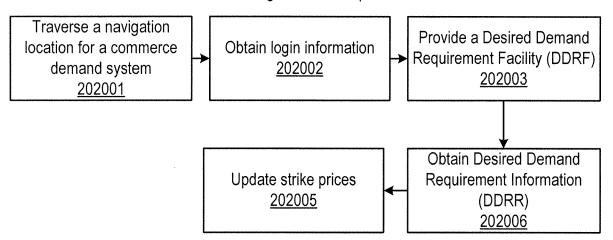


Figure 19

Setting Demand Requirement



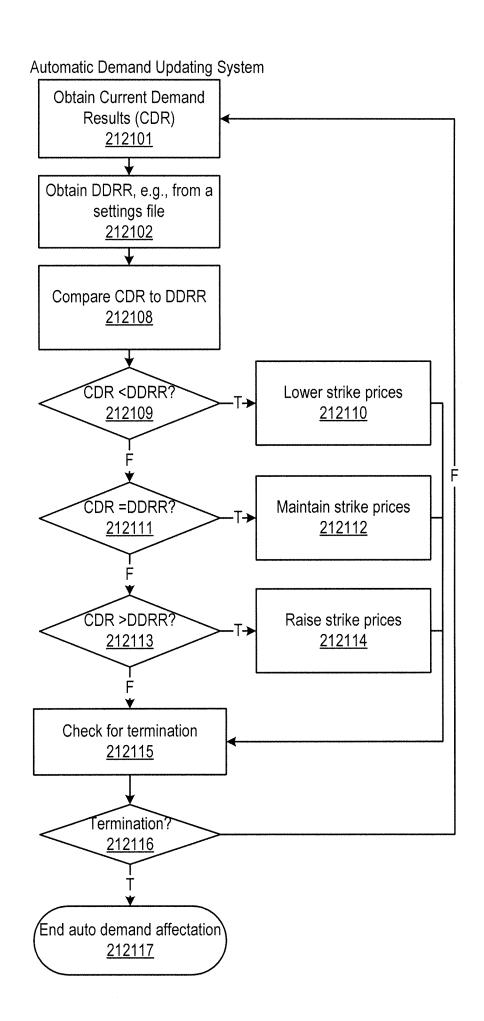


Figure 21

Demand Survey Report in HTML

Page 1 of 1

Same Loud Elliste T	1_1						
Dom Intl Flight Type D	Jet Flag N	Airport Market PITCLE	Orig Airport Code PIT	Dest Airport Code	Month Year	PAX	RPMs
D	N	CLEPIT	CLE	CLE PIT	Feb2000	272	28,914.8784
Ď	N	BUFCLE	BUF		Feb2000	266	28,277.0502
D	N	EWRBWI	EWR	CLE	Feb2000	232	44,337.7752
Б	N	CLEDTW		BWI	Feb2000	231	39,051.7743
D	N	DFWOKC	CLE	DTW	Feb2000	225	21,394.17
bana rama	N	PFNATL	DFW	OKC	Feb2000	218	38,355.2906
D			PFN	ATL	Feb2000	217	53,698.2775
D	N N	OKCDFW	OKC	DFW	Feb2000	214	37,651.5238
D	N	BWIEWR	BWI	EWR	Feb2000	213	36,008.7789
	N	DTWCLE	DTW	CLE	Feb2000	205	19,492.466
D	N	CLECMH	CLE	CMH	Feb2000	193	21,806.0471
D	N	SFOSMF	SFO	SMF	Feb2000	191	16,379.1286
D	N	SMFSFO	SMF	SFO	Feb2000	187	16,036.1102
D	N	ATLPFN	ATL	PFN	Feb2000	185	45,779.6375
D	N	TULDFW	TUL	DFW	Feb2000	182	43,220.177
D	N	CMHCLE	CMH	CLE	Feb2000	182	20,563.2154
D	N	IAHDFW	IAH	DFW	Feb2000	170	38,227.747
D	N	DFWTUL	DFW	TUL	Feb2000	156	37,045.866
D	N	ILMATL	ILM	ATL	Feb2000	151	56,981.1637
D	N	ROAATL	ROA	ATL	Feb2000	150	53,599.065
D	N	MIARSW	MIA	RSW	Feb2000	146	16,810.075
D	N	ICTDFW	ICT	DFW	Feb2000	143	47,094,9336
D	N	DFWICT	DFW	ICT	Feb2000	141	46,436.2632
D	N	ATLGNV	ATL	GNV	Feb2000	138	41,551.8966
D	N	BOSJFK	BOS	JFK	Feb2000	134	25,126.1524
D	N	DFWIAH	DFW	IAH	Feb2000	133	29,907.5903
D	N	SANLAX	SAN	LAX	Feb2000	132	14,474.9088
D	, N	ATLILM	ATL	ILM	Feb2000	130	49,056.631
D	N	MIAEYW	MIA	EYW	Feb2000	130	16,493.984
D	N	ATLCRW	ATL	CRW	Feb2000	125	45,465.7625
Ď	Ň	DFWHOU	DFW	HOU	Feb2000	125	30,932.025
Ď	N	RSWMIA	RSW	MIA	Feb2000	123	14,161.9125
D	Ň	CLEBUF	CLE	BUF	Feb2000	123	
Ď	N	SEAPDX	SEA	PDX	Feb2000	121	23,506.6653
D	N	CRWATL	CRW	AND THE RESERVE OF THE PARTY OF	THE PROPERTY OF THE PROPERTY O		15,718.5776
D	N	EYWMIA	EYW	ATL	Feb2000	121	44,010.8581
D	N	.1		MIA	Feb2000	118	14,971.4624
		SLCGJT	SLC	GJT	Feb2000	118	25,512.7682
<u>D</u>	N	JFKBOS	JFK	BOS	Feb2000	115	21,563.489
D	N	RAPDEN	RAP	DEN	Feb2000	114	34,447.2888
D	Ŋ	PITJFK	PIT	JFK	Feb2000	114	38,650.959
D	Ŋ	ATLMYR	ATL	MYR	Feb2000	113	35,780.6138
<u> </u>	N	ATLDHN	ATL	DHN	Feb2000	113	19,308.5134
D	N	LAXSAN	LAX	SAN	Feb2000	111	12,172.0824
D	N	GJTSLC	GJT	SLC	Feb2000	110	23,783.089
D	N	DENRAP	DEN	RAP	Feb2000	110	33,238.612
D	N	DHNATL	DHN	ATL	Feb2000	108	18,454.1544
D	N	HOUDFW	HOU	DFW	Feb2000	108	26,725.2696
D	N	BTVEWR	BTV	EWR	Feb2000	106	28,156.9708
D	N	MHTEWR	MHT	EWR	Feb2000	104	21,743.0304
. D	N	PHLEWR	PHL	EWR	Feb2000	103	8,361.54
D	N	PVDEWR	PVD	EWR	Feb2000	103	16,393.5109

DEMAND SURVEY REPORT IN EXCEL

T0P	MARKET	-	2	3	4	5	9	7	æ	6	10	1	12	13	14	15	15	17	18	19	22	21	22	23	24
PCLN LOAD	FACTOR	0.05242	0.05116	0.03432	0.03139	0.03713	0.03208	0.02017	0.03323	0.03197	0.0398	0.03369	0.04194	0.04229	0.02046	0.0357	0.0321	0.03993	0.03389	0.03365	0.02674	0.02557	0.03791	0.03841	0.02178
33 117	MILES	85.98174	85.52333	141.68582	126,60851	72.26475	140.43053	185,87821	136.47814	120.6404	75.1405	83.71405	61.95882	61.44982	183,2531	174.84313	86.91131	170.63596	181.14966	302.38677	293.00822	83.59298	262,54694	259,26388	211,64325
	SWLL V	28,914.8784	28,277.0502	44,337.7752	39,051.7743	21,394.17	38,355.2906 140.43053	53,698.2775	37,651.5238	36,008.7789	19,492.466	21,806.0471	16,379.1286	16,036.1102	45,779.6375	43,220.177	20,563.2154	38,227.747	37,045.866 181.14966	56,981.1637 302.38677	53,599.065 293.00822	16,810.075	43,094.9336 262,54694	46,436.2632 259,26388	41,551.8966 211,64325
) Y C	₹	272	266	232	231	225	218	217	214	213	205	193	191	187	185	182	182	170	156	151	150	146	143	141	138
NOWEL VEAD	MOINIT LEAN	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000
DEST AIRPORT MON	CODE	CLE	PIT	CLE	BWI	WLO	OKC	ATL	DFW	EWR	CLE	CMH	SMF	SFO	A.	DFW	CLE	DFW	10L	ATL	ATL	RSW	DFW	ICT	GNV
ORIG AIRPORT	CODE	PIT	CE	BUF	EWR	CLE	DFW	PFN	OKC	BWI	WLD	CLE	SFO	SMF	ATL	国	CMH	IAH	DFW	3	ROA	MIA	ICT	DFW	ATL
AIRPORT	MARKET	PITCLE	CLEPIT	BUFCLE	EWRBWI	CLEDTW	DFWOKC	PFNATL	OKCDFW	BWIEWR	DIWCLE	CLECMH	SFOSMF	SMFSF0	ATLPFN	TULDFW	CMHCLE	MHDFW	DFWTUL	ILMATIL	ROAATL	MIARSW	ICTDFW	DFWICT	ATLGNV
INTL. IET EI AC	שבו בא	Z	z	z	z	Z	z	Z	z	z	z	z	z	z	z	Z	Z	z	z	Z	z	z	Z	z	2
DOM INTL	FLIGHT TYPE	۵	Ω	Q	۵	O	0	O	۵	٥	O	٥	0	O	۵	۵	۵	۵	۵	٥	۵	۵	۵	۵	٥

FIG.23A

_	_	т	,	r	·	·	 	·	·····	,	·	,	,			·							
75	26	27	28	28	30	33	32	32	34	34	36	36	38	39	39	41	41	43	4	4	46	46	48
N 0.074	0.03875	0.03817	0.03177	0.02715	0.03987	0.03249	0.02376	0.03381	0.04314	0.04167	0.02615	0.04018	0.03906	0.04041	0.03582	0.02253	0.02952	0.03714	0.03876	0.04032	0.0303	0.03227	0.02643
124 33450	1	82.56678	296.08144	97.59754	276.43184	201.92426	87.99126	144.49864	91.256	264.52807	101.07135	163.07357	145.11535	241.20524	288.48438	212.96316	143.65328	87.9243	169.03683	241.73536	142.39317	199.33972	213.00663
25 126 1524	29,907.5903	14,474.9088	49,056.631	16,493.984	45,465.7625 276.43184	30,932.025 201.92426	14,161.9125	23,506.6653	15,718.5776	44,010.8581	14,971.4624 101.07135	25,512.7682 163.07357	21,563,489 145,11535	34,447.2888 241.20524	38,650.959 288.48438	35,780.6138 212.96316	19,308.5134	12,172.0824	23,783.089 169.03683	33,238.612 241.73536	18,454.1544 142.39317	26,725.2696 199.33972	28,156.9708 213.00663
77-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7		132	130	130	125	125	123	123	121	121	118	118	115	114	114	113	113	111	110	110	108	108 2	106 2
FFR2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000	FEB2000
 \ \ \ \ \ \ \ \ \ 	IAH	LAX	≦	EYW	CRW	HOG	MIA	BUF	PDX	ATL	MIA	SI	BOS	DEN	JFK	MYR	OHN	SAN	SLC	RAP	ATL	DFW	EWR
BOS	DFW	SAN	ATL	MIA	ALT	DFW	RSW	CLE	SEA	CRW	EYW	SLC	JFK	RAP	PIT	ATL	ATL	ΥX	GJT	DEN	OHN	HOU	BTV
ROSIFK	DFWIAH	SANLAX	ATULM	MIAEYW	ATLCRW	DFWHOU	RSWMIA	CLEBUF	SEAPDX	CRWATL	EYWMIA	SLCGJT	JFKBOS	RAPDEN	PITJFK	ATLMYR	ALTDHN	LAXSAN	GUTSLC	DENRAP	DHINATI	HOUDFW	BTVEWR
2	Z	z	z	Z	Z	z	z	Z	z	z	z	z	z	Z	z	Z	Z	Z	z	z	z	Z	z
	0	۵	0	O	۵	٥	۵	۵	Q	Q	۵	۵	۵	٥	۵	۵	٥	۵	۵	O	0	0	0

FIG.23B

FIG.23

FIG.23A FIG.23B

Demand Survey Report in Brio

D I	-41 Cl -4 Cl	Airmant May Order	Al		DDM-	N 411		
	ntl Fl Jet Flag			irpor Month Yea PAX		Miles	Pcln Load I	
D	N	PITCLE PIT	CLE	Feb-00	272 28,914.88	85.98174	0.05242	1
D	N	CLEPIT CLE	PIT	Feb-00	266 28,277.05	85.52333	0.05116	2
D	N	BUFCLE BUF	CLE	Feb-00	232 44,337.78	141.6858	0.03432	3
D	N	EWRBWI EWF		Feb-00	231 39,051.77	126.6085	0.03139	4
D	N	CLEDTW CLE	DTW	Feb-00	225 21,394.17	72.26475	0.03713	5
D	N	DFWOKC DFW		Feb-00	218 38,355.29	140.4305	0.03208	6
D	N	PFNATL PFN	ATL	Feb-00	217 53,698.28	185.8782	0.02017	7
D	N	OKCDFW OKC	DFW	Feb-00	214 37,651.52	136.4781	0.03323	8
D	· N	BWIEWR BWI	EWR	Feb-00	213 36,008.78	120.6404	0.03197	9
D	N	DTWCLE DTW	CLE	Feb-00	205 19,492.47	75.1405	0.0398	10
D	N	CLECMH CLE	CMH	Feb-00	193 21,806.05	83.71405	0.03369	11
D	N	SFOSMF SFO	SMF	Feb-00	191 16,379.13	61.95882	0.04194	12
D	N	SMFSFO SMF	SFO	Feb-00	187 16,036,11	61.44982	0.04229	13
D	N	ATLPFN ATL	PFN	Feb-00	185 45,779.64	183.2523	0.02046	14
D	N	TULDFW TUL	DFW	Feb-00	182 43,220.18	174.8431	0.0357	15
Ď	N	CMHCLE CMH		Feb-00	182 20,563.22	86.91131	0.0321	15
D	N	IAHDFW IAH	DFW	Feb-00	170 38,227.75	170.636	0.03993	17
Ď	N	DFWTUL DFW		Feb-00	156 37,045.87		0.03389	18
D	N N	ILMATL ILM	ATL	Feb-00	151 56,981.16	302.3868	0.03365	
D	N	ROAATL ROA		Feb-00	150 53,599.07			19
				Feb-00	•		0.02674	20
D	N	MIARSW MIA	RSW		146 16,810.08	83.59298	0.02557	21
D	N	ICTDFW ICT	DFW	Feb-00	143 47,094.93	262.5469	0.03791	22
D	N	DFWICT DFW		Feb-00	141 46,436.26	259.2639	0.03841	23
D	N	ATLGNV ATL	GNV	Feb-00	138 41,551.90	211.6433	0.02178	24
D	N	BOSJFK BOS		Feb-00	134 25,126.15	134.3345	0.04274	25
D	N	DFWIAH DFW		Feb-00	133 29,907.59	175.8375	0.03875	26
D	N	SANLAX SAN		Feb-00	132 14,474.91	85.56678	0.03817	27
D	N	ATLILM ATL	ILM	Feb-00	130 49,056.63	296.0814	0.03177	28
D	N	MIAEYW MIA	EYW	Feb-00	130 16,493.98	97.59754	0.02715	28
D	N	ATLCRW ATL	CRW	Feb-00	125 45,465.76	276.4318	0.03987	30
D	N	DFWHOU DFW	/ HOU	Feb-00	125 30,932.03	201.9243	0.03249	30
D	N	RSWMIA RSW	/ MIA	Feb-00	123 14,161.91	87.99126	0.02376	32
D	N	CLEBUF CLE	BUF	Feb-00	123 23,506.67	144.4986	0.03381	32
D	N	SEAPDX SEA	PDX	Feb-00	121 15,718.58	91.256	0.04314	34
D	N ·	CRWATL CRV	V ATL	Feb-00	121 44,010.86	264.5281	0.04167	34
D	N	EYWMIA EYW	/ MIA	Feb-00	118 14,971.46	101.0714	0.02615	36
D	N	SLCGJT SLC	GJT	Feb-00	118 25,512.77	163.0736	0.04018	36
D	N	JFKBOS JFK	BOS	Feb-00	115 21,563.49	145.1154	0.03906	38
D	N	RAPDEN RAP	DEN	Feb-00	114 34,447.29	241.2052	0.04041	39
D	N	PITJFK PIT	JFK	Feb-00	114 38,650.96	288.4844	0.03582	39
D	N	ATLMYR ATL	MYR	Feb-00	113 35,780.61	212.9632	0.02253	41
Ď	N	ATLDHN ATL	DHN	Feb-00	113 19,308.51	143.6533	0.02952	41
Ď	N	LAXSAN LAX	SAN	Feb-00	111 12,172.08	87.9243	0.03714	43
Ď	N	GJTSLC GJT	SLC	Feb-00	110 23,783.09	169.0368	0.03876	44
Ď	N	DENRAP DEN		Feb-00	110 33,238.61	241.7354	0.04032	44
D	N	DHNATL DHN		Feb-00	108 18,454.15	142.3932	0.0303	46
D	N	HOUDFW HOU		Feb-00	108 26,725.27	199.3397	0.03227	46 46
		BTVEWR BTV		Feb-00	106 28,156.97		0.03227	
D	N			Feb-00	104 21,743.03	146.7494	0.02043	48 40
D	N	MHTEWR MHT						49
D	N	PHLEWR PHL		Feb-00	103 8,361.54	60.68796	0.02907	50
D	N .	PVDEWR PVD	EWR	Feb-00	103 16,393.51	106.622	0.02729	50
				040404				

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